

Cardiac monitoring system for ambulatory patient - has portable device housing EKG signal sampler, signal processor and memory from which data is sent to office unit
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Patent Family

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WO 8303744	A	19831110					198346	B
AU 8285265	A	19831121					198406	
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Abstract:

WO 8303744 A

An office unit, which receives the electrocardiogram data over the telephone network from a patient unit, is disposed at a hospital or general practitioner's office. It has a section for communication with the patient units or with another office unit together with a printer which prepares a report for the physician from the data received. In response to predetermined alarm criteria for each patient, the office unit is able to telephone directly to a doctor or other person responsible for the patient's well-being. To this end the office unit includes voice synthesising equipment to provide a synthesised speech message to the doctor.

The patient unit has a three-electrode system connected to three analysis channels in real time, during the RR intervals between heart-beats. The event-recording and alarm criteria programmed into the patient unit may be changed by means of signals sent over the telephone network from the remote office unit.

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